

Converting Colors

XYZ(29.6099, 30.4186, 45.3854)

Have a look what the booklet for
XYZ(29.6099, 30.4186, 45.3854)
contains.

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Color

**XYZ(29.5684, 30.2922,
45.3629)**

Conversions

Conversions Part 1

Format	Color
Hex	8D95B0
RGB	141, 149, 176
RGB Percent	55%, 58%, 69%
CMY	0.4471, 0.4157, 0.3098
CMYK	0.20, 0.15, 0.00, 0.31
HSL	226°, 18%, 62%
HSV	226°, 20%, 69%
XYZ	29.5684, 30.2922, 45.3629
YIQ	149.6860, -13.4350, 6.7010

Conversions

Conversions Part 2

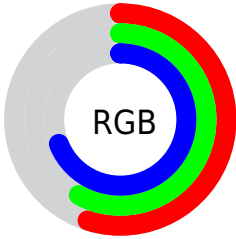
Format	Color
R _Y B	141, 148, 176
Decimal	9278896
CIE Lab	61.91, 2.99, -15.05
CIE LCh	62, 15.349, 281.242
Yxy	30.2922, 0.2810, 0.2879
Android (android.graphics.Color)	4287468976 (0xFF8D95B0)
YUV	149.6860, 12.9728, -7.6176
Hunter-Lab	55.0384, -0.4211, -10.3403

Details

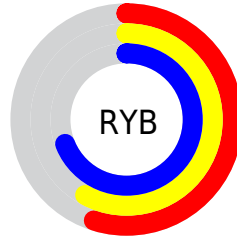
The XYZ color **29.5684, 30.2922, 45.3629** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **36.7151, 39.1584, 30.8232**, and the grayscale version is **28.8081, 30.3083, 33.0058**.

A 20% lighter version of the original color is **58.4271, 60.1402, 84.8727**, and **12.1593, 12.3391, 20.4797** is the 20% darker color. If you saturate the color by 10%, you get **24.7862, 24.8226, 44.5597**, and if you desaturate by 10%, it is **35.0785, 36.5103, 46.2732**.

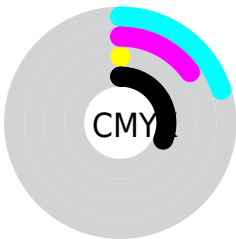
Distribution



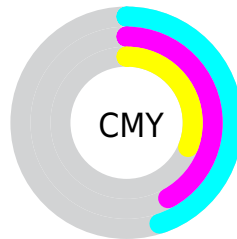
- Red (55%)
- Green (58%)
- Blue (69%)



- Red (55%)
- Yellow (58%)
- Blue (69%)



- Cyan (20%)
- Magenta (15%)
- Yellow (0%)
- Black (31%)



- Cyan (45%)
- Magenta (42%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.5684, 30.2922, 45.3629 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 29.5684, 30.2922, 45.3629 by changing the saturation by 10% instead.

■ 29.5684, 30.2922,
45.3629

■ 29.5684, 30.2922,
45.3629

291.8335,
303.2641, 384.4442

■ 19.6577, 20.0605,
31.3983

■ 58.3703, 60.1240,
84.5889

■ 12.2533, 12.4390,
20.6414

■ 77.9921, 80.4928,
110.6875

■ 6.9898, 7.0434,
12.6734

■ 101.5817,
105.0095, 141.6678

■ 3.5020, 3.4893,
7.0760

129.5045,
134.0584, 177.9483

■ 1.4245, 1.3922,
3.4305

162.1256,
168.0239, 219.9477

■ 0.2736, 0.2110,
1.3184

199.8106,

■ 0.0000, 0.0000,

207.2904, 268.0845

0.0768

242.9248,
252.2424, 322.7771

■ 0.0000, 0.0000,
0.0000

■ 29.5684, 30.2922,
45.3629

■ 29.5684, 30.2922,
45.3629

■ 24.7862, 24.8226,
44.5597

■ 35.0785, 36.5103,
46.2732

■ 20.6981, 20.0691,
43.8576

■ 41.3427, 43.5002,
47.2922

■ 17.2717, 16.0023,
43.2533

■ 48.3894, 51.2888,
48.4242

■ 14.4710, 12.5893,
42.7421

■ 56.2448, 59.9008,
49.6724

■ 12.2563, 9.7945,
42.3194

■ 64.9336, 69.3594,
51.0402

■ 10.5831, 7.5785,
41.9798

■ 74.4796, 79.6872,
52.5305

■ 9.4001, 5.8968,
41.7176

■ 81.4386, 89.1186,
53.9842

■ 8.6112, 4.6801,
41.5243

■ 84.8366, 95.9146,
55.1168

■ 8.6034, 4.6683,
41.5225

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



27.5408, 30.2922, 44.8901



29.5684, 30.2922, 45.3629



31.4738, 30.2922, 42.2369

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



29.5684, 30.2922, 45.3629



31.8638, 30.2922, 26.0763



25.2128, 30.2922, 29.4789

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



29.5684, 30.2922, 45.3629



36.7151, 39.1584, 30.8232

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



26.2667, 30.2922, 25.1903



29.5684, 30.2922, 45.3629



30.0802, 30.2922, 23.3931

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



29.5684, 30.2922, 45.3629



32.8405, 30.2922, 30.8275



28.0290, 30.2922, 23.0893



25.0904, 30.2922, 35.2369

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



29.5684, 30.2922, 45.3629



32.3936, 30.2922, 38.7278



28.0290, 30.2922, 23.0893



25.4675, 30.2922, 27.8365

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



29.5693, 30.2934, 45.3636



67.7517, 70.8424, 84.5984



33.5628, 39.5349, 42.8271



14.5308, 15.1827, 18.3090



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



29.5693, 30.2934, 45.3636



49.5351, 50.2781, 81.5892



30.0011, 28.7007, 45.0334



8.1944, 8.5350, 10.7219



6.3502, 3.5008, 30.4780



0.2442, 0.1989, 0.9738

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



32.8549, 30.4505, 32.5810



56.6612, 50.7634, 53.8327



36.1996, 41.1536, 31.2355



8.5733, 8.5360, 9.2515



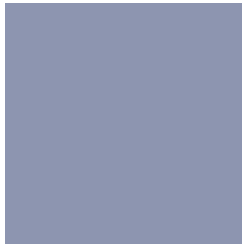
13.4399, 6.8935, 2.2107



0.4453, 0.2259, 0.1875

Previews

White Background



This preview shows how the XYZ color 29.5684, 30.2922, 45.3629 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 29.5684, 30.2922, 45.3629 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

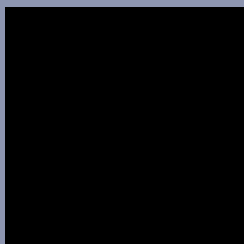
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.5684, 30.2922, 45.3629

Background



This preview shows how black text looks on a background with the XYZ color 29.5684, 30.2922, 45.3629.



This preview shows how white text looks on a background with the XYZ color 29.5684, 30.2922,

45.3629.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

29.5684, 30.2922, 45.3629

Protanopia

29.8294, 30.2042, 44.8153

Deuteranopia

30.9772, 30.3114, 45.8130



Tritanopia

28.3249, 30.2665, 38.9995

Trichromacy



Original Color

29.5684, 30.2922, 45.3629

Protanomaly

29.6555, 30.1146, 44.8071

Deuteranomaly

30.4022, 30.2448, 45.8304

Tritanomaly

28.7894, 30.2153, 41.3606

Monochromacy



Original Color

29.5684, 30.2922, 45.3629

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

29.1970, 30.5189, 37.1528

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.5684, 30.2922, 45.3629 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(141, 149, 176)` looks like.

```
.text, #text, p{  
    color:rgb(141, 149, 176)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(141, 149, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 149, 176) }
```

Border

The CSS property to change the border of an element to XYZ 29.5684, 30.2922, 45.3629 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(141, 149, 176) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(141, 149, 176) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(141, 149, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 149, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 149, 176);  
box-shadow:4px 4px 4px 4px rgb(141, 149,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 29.5684, 30.2922, 45.3629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 149, 176) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(141,  
149, 176) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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